

**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM  
LISTING SERVICE**

**LISTING No.** 3240-1653:119

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**CATEGORY:** Duct Smoke Detector Housing/Base

**LISTEE:** System Sensor, Unincorporated Div of Honeywell Int'l Inc., 3825 Ohio Ave, St. Charles, IL 60174  
Contact: Trish Linhart (630) 377-6580 ext. 1185 FAX (630) 377-7245

**DESIGN:** Duct smoke detector units, Models DH100P, DH100LP, DH100ACDCP, DH100ACDCLP, DH100ACDCLPX, DH100ACDCLWP, EDH100LP, EDH100ACDCLP, DH100ACDCI, DH200P, DH200PL, DH200RP, DH200RPL, DH400, DH400ACDC, DH400ACDCIR, DH400ACDCP5V, DH400ACDCI5V, DH400ACDCIHT, DH400REL, DH500, DH500ACDC, P270-1000I and P270-1000P. Unit consists of a housing, relay, electrical components, sampling and exhaust tubes and a listed detector head.

Series DH400, \*P270-1001 and \*P270-1000P are intended for use with Models 1451DH (CSFM Listing No. 7271-1653:108) and 2451 (CSFM Listing No. 7272-1653:112) detector heads for open area protection which have been tested for duct applications. Model DH400ACDCIHT is intended for use with Model 1451DHHT smoke detector (CSFM Listing No. 7271-1653:108)

Series DH500 are intended for use with Models 1551 (CSFM Listing No. 7271-1653:105) and 2551 (CSFM Listing No. 7272-1653:106) detector heads for open areas that have been tested for duct applications.

Refer to listee's data sheet for additional detailed product description and operational considerations.

**INSTALLATION:** In accordance with listee's printed installation instruction, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction. Model DH400ACDCIHT may be used with model DH400OE-1 (Hoffman Model A-18R126) enclosure for outdoor application.

**MARKING:** Listee's name, model designation, air velocity rating and UL label.

**APPROVAL:** Listed as duct detector units when used with listee's separately listed compatible fire alarm control units.  
Models DH100LP, EDH100LP, DH100ACDCLP, DH100ACDCLPX, DH100ACDCLWP, DH200PL, DH200RPL and EDH100ACDCLP are suitable for use in ducts where air velocity varies between 100 and 4000 fpm.  
Models P270-1000I and P270-1000P are suitable for use in ducts where air velocity varies between 300 and 4000 fpm.  
Models DH100P, DH100ACDCP, DH100ACDCI, DH200P, DH200RP, DH400, DH400ACDC, DH400ACDCIR, DH400ACDCP5V, DH400ACDCI5V, DH400ACDCIHT, DH400REL, DH500, and DH500ACDC are suitable for use in ducts where air velocity varies between 500 and 4000 fpm. Also suitable for use as a stand-alone unit where permitted.

**NOTE:** Formerly 3240-1209:137, 139 and 3240-1209:155

\*Rev 11-14-2005 jew



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 26, 2006**

*Listing Expires **June 30, 2007***

Authorized By: **DIANE K. AREND, Senior Deputy  
Program Manager**